1	2	3	4
25.	Sweden	3.82	6139
26.	United Kingdom	1.80	3033
27.	United States	2.61	4651
28.	Venezuela	0.23	86

Source: UIS, UNESCO

World Development Indicators

The World Bank Research and Development Statistics at a Glance, DST.

Low investment in Science and Technology R&D

384. SHRI N.R. GOVINDARAJAR: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the investment in our country for Science and Technology Research and Development is very low as compared to other developing countries;

(b) if so, the details thereof;

(c) whether the number of Scientific Research papers in India in the past ten years has increased from 11,000 to 19,000 whereas the number in China during the same period has jumped from 10,000 to 55,000;

(d) if so, the details thereof;

(e) whether the CSIR, largest Research organization is considering to allow its scientists who own patents to float private companies; and

(f) if so, the details thereof?

THE MINISTER OF SCIENCE AND TECHNOLOGY (SHRI KAPIL SIBAL): (a) and (b) According to the available official statistics, the expenditure on Research and Development (R&D) as percentage of Gross Domestic Product (GDP) in India is 0.88%, which is higher as compared to most of the developing countries excepting China where it is 1.42%.

(c) and (d) As per the Science Citation Index (SCI) database, the number of Scientific Research papers in India increased from 11067 (in 1997) to 22215 (in 2007). Where as in China, the research papers during the same period increased from 12632 (in 1997) to 67433 (in 2007).

(e) and (f) Yes Sir, the CSIR proposal envisages equity participation of inventors in private companies.

Steps to enhance the strength of scientists

385. SHRI MOINUL HASSAN: Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state: